

$^{40}\text{Ca}(^4\text{He}, ^8\text{He})$ 1977Tr03

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Ninel Nica, John Cameron and Balraj Singh		NDS 113, 1 (2012)	31-Dec-2011

E=121.4 MeV. Natural Ca target. Measured ^8He spectra using Enge-split pole magnetic spectrograph. Deduced mass excess of ^{36}Ca as -6440.40 .

 ^{36}Ca Levels

<u>E(level)</u>	<u>Jπ</u>	<u>Comments</u>
0	0 ⁺	Cross section=1.3 nb σ , averaged over 2.3 milli-sr.